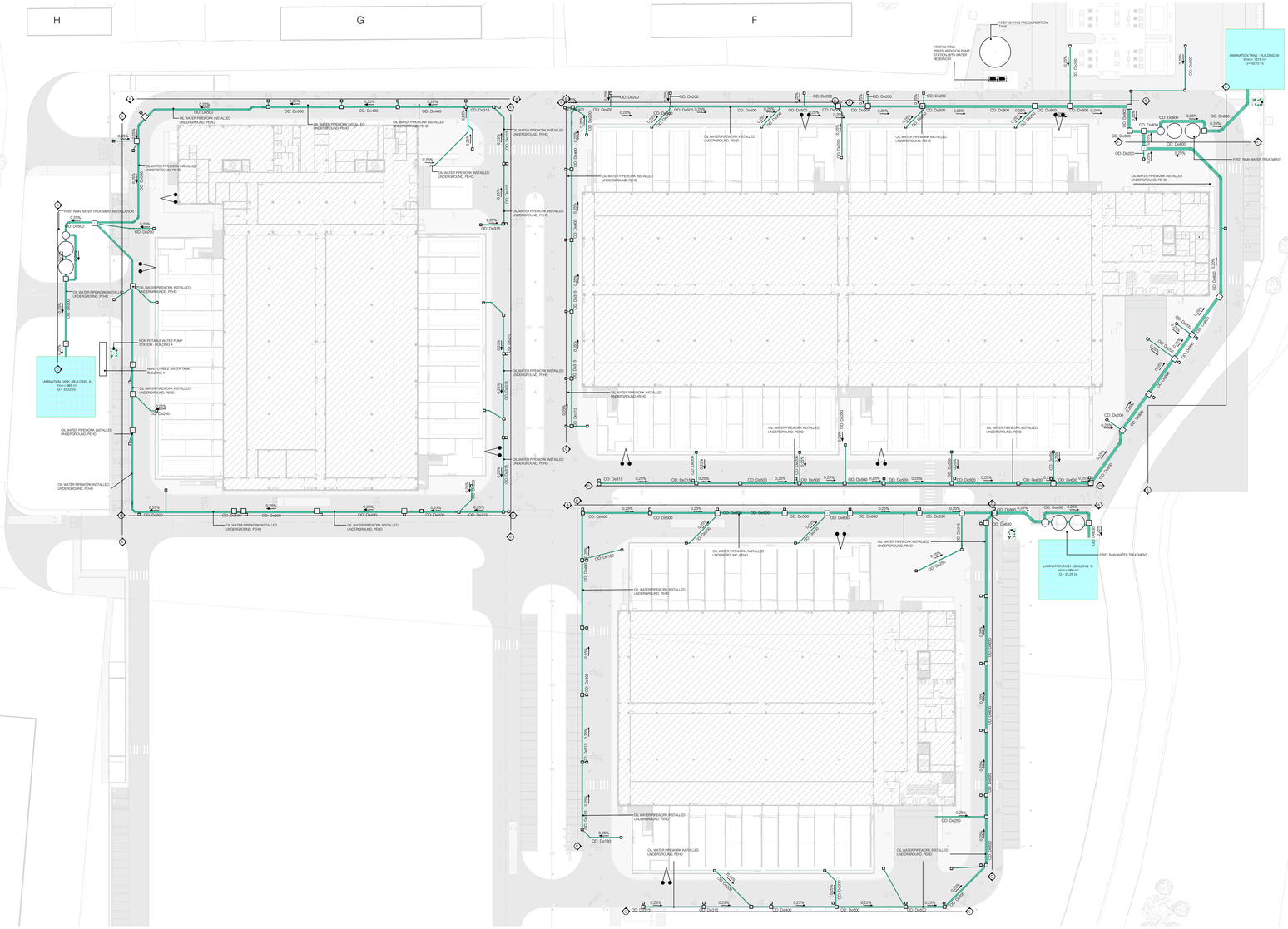


Oil water drainage systems - External Area
1 : 350

DR - Legenda Tubazioni

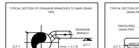
DR - Pipe Systems Legend

OD	Scarico Acque Oleose Oil water

PUBLIC HEALTH SERVICES NOTES:
- All drainage ducts to be equipped of inspectable trap, extended all the way to the roof and well ventilated.
- The sewer system must be designed and built so that it can be easily cleaned and inspected through openings - dry and wet - by any suitable trap interjection.
- The waste water collections shall be separated from the urine flow like from downstream trap interjection.
- The rainwater collections shall be separated from soil waste water system up to drain pits that are located upstream of the public sewage inspection block.
- Pumping stations shall be equipped with a pump-protection system against dry operation, with a protective tank equipped with electro-pumps.
- The heating operations shall be completed maintaining the drainage system visible and smooth.
- Providing inspection points for main drain pipe upstream of each connection, elbow or special fitting.
- Minimum slopes for drainage and rainwater pipes, unless otherwise indicated, must have the following minimum slopes:
  - Drainage branches to vertical stack: i=1%
  - Drainage branches to main pipe: i=0.5%
  - Rainwater/Oil water: i=0.20%

TYPICAL SECTION OF MAIN DRAIN PIPE ON DIFFERENT SUPPORTS

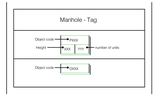
TYPICAL SECTION OF DRAINAGE BRANCHES TO MAIN DRAIN



TYPICAL SECTION OF CONNECTION BETWEEN PRESSURIZED DRAIN PIPE TO DRAINAGE SYSTEM

GENERAL NOTES:
- The present drawing is valid for mechanical systems object of tender only.
- Dimensions and measurements must be checked and verified on site by the contractor, who must promptly give notice of possible interferences.
- Provide non-pressured systems shall be pressure-tested, where needed, they shall be inscribed and their functioning established by the contractor.
- Accurate positions of equipment, materials, piping, ducts, connections to existing systems shall be defined by the contractor and submitted to the works supervisor.
- Provide all fittings, valves, and accessories required for a complete installation.
- All equipment shall be easily maintainable and accessible through access panels or similar solutions, including where not explicitly indicated.
- The contractor shall size and certify all supports in a workmanlike manner and in respect of every prescription regarding antiseismic design.
- Installations of electric equipment shall be in accordance with the requirements of the electrical specialist.
- Installations of electric or/ and shall comply with every prescription and recommendation by the producers and by the highest trade standards in the relevant fields, including acoustics as the present.
- All works not mentioned and described, evaluated based on available documentation, shall be reevaluated and analyzed during the construction phase, after system verification following adequate survey of the existing.
- Before starting the work, carefully check the project and give notice of any inaccuracy, incompleteness or discrepancy with any code or law.
- In case of piping or duct material change, the same pressure drop of the design material shall be guaranteed.
- Contractor shall provide manufacturer's technical data sheets and shop drawings of equipment and materials for approval.
- Every infrastructure needed to deliver functioning and testable systems shall be verified on site by the contractor.
- The bottom tube measurements refer to the project Zero Level.

Manhole - Tag



PROTOCOLLO	IL RICHIEDENTE	IL PROGETTISTA
NOTE / DESCRIZIONE - DESCRIPTION		
NO.	DATA / DATE	

L22
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COMMITTENTE / CLIENT:
INFRASTRUTTURE ITALIA LAND 4 S.r.l.
via del Bosco Rinnovato 6 - Palazzo U4 20090 Assago (MI)

PROGETTO / PROJECT:
MIL L4 - Fase 04 Costruzione edificio MIL 04.B e cabina di alta tensione
Alzaia Navglio Pavese snc, Vellezzo Bellini (PV)

PROGETTISTA / DESIGNER:
Lombardini 22, via Lombardini 22, Milano - Ing. Roberto Cereda
Iscritto all'Ordine degli Ingegneri di Brescia n. A2609

OGGETTO / OBJECT:
SCIA (ai sensi dell'art 23 del DPR 380/2001) intervento di nuova costruzione a seguito di demolizione di edifici a destinazione produttiva (rif. in variante a SCIA art. 23 prot. 27791 del 09-08-2023, SCIA art.22 prot.60082 del 09-09-2023 e SCIA art.22 prot. 82345 del 10-10-2023)

TITOLO / DESCRIPTION:
Impianti meccanici
Scarico acque oleose - Aree esterne

DISEGNATO DA: DRAWN BY:	CONTROLLATO DA: CHECKED BY:	DATA / DATE:	SCALA / SCALE:	DATA REV.:
APT	MIC	13/10/2023	1:350	-

FORMAT:	NOME FILE / FILE NAME:	COMMESSA / JOB:	TAVOLA / DRAWING:	REV.:
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